GORSKI, MARIAN

Gorski, Marian Zwiekszamy dzialanie nawozow. Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1952. 46 p. (Biblioteka rolnicza gromady) (We increase the efficiency of fertilzers. Illus.)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1, Jan. 1954, Uncl.

GORSKI, M.

GORSKI, M.; WYSZYNSKA, K. "Fertilizing winter crops in the light of research." p. 49 (Nowe Rolnictwo, Vol. 2, no. 8, August 1953. Warszawa.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Uncl.

GÓRSKI, M.

Chemical Abst.
Vol. 48 No.9
May 10, 1954
Soils and Fertilizers

3

The action of blast-furnace slag and limestone as conditioned by the degree of grinding. M. Górski, W. Klossowski, and J. Descour. *Roczniki Nauk Rolniczych* 66, Ser. A, No. 2, 21-7(1953).—Blast-furnace slag proved to be an efficient Ca fertilizer in many field and pot tests. The efficiency of slag as a fertilizer was conditioned by the degree of grinding. The same was true of limestone. The action of these fertilizers was compared with pptd. $CaCO_3$. Blast-furnace slag was as effective as pptd. $CaCO_3$ when reduced to particles smaller than 1 mm. Limestone particles smaller than 0.5 mm. were equal in action to pptd. $CaCO_3$. E. G. J.

12116* Ammonification [illegible] phosphate
Amonitaki [illegible]
and H [illegible]
p. 120 112

Reduces unfavorable [illegible] Tables, graph. 14 ref

GORSKI, M.

POLON

Nitrophosphate as a phosphorus fertilizer. M. Gorski. *Roczniki Nauk Rolniczych*, Ser. A, 92, 505-[illegible] (1965) — Expts. were conducted to det. the fertilizer value of a nitrogenous-P material called nitrophosphate. This material contained 19.8% N and 19.5% P_2O_5. Since the N was present as NH_4NO_3, whose fertilizer activity is well established, attention was paid chiefly to the activity of the P. The expts. were conducted on a soil responsive to P. The soil was treated with 0.6 g. of NH_4NO_3 per pot (with nitrophosphate as the source); 0.5 g. K_2O in the form K_2SO_4; and 0.2 g. P_2O_5 in the form of nitrophosphate, dicalcium phosphate, and superphosphate. The pots were seeded to oats which were harvested in July. The results based on the air-dried wt. of the seed and straw per pot indicated that the action of P from nitrophosphate was equiv. to that from other P sources. Ernest G. Jaworski

Influence of phosphate fertilizers on spring wheat. M. Górski, H. Birecka and H. Stupnicka (*Roczn. Nauk Rol.*, 1954, 69, A, 137–149) – Deficiency of P for wheat up to three weeks after emergence did not lower the final yield of grain if P fertilizer was applied at this stage. Under such conditions early P deficiency decreased straw yields only when the general level of productivity was high. A very small initial application of P followed by a further application three weeks after emergence resulted in the same crop yields as when the full application of P was given before sowing.

Delayed application (after three weeks) of P did not affect the final content of grain or straw. In soils of high P fixing capacity granulated superphosphate was superior to powdered forms. Placement of superphosphate in bands below the seed may be as effective as a treble application of the broadcast powdered material.

A. G. POLLARD

GORSKI, M.; NOWOSIELSKI, O.

GORSKI, M.; NOWOSIELSKI, O. Serviceability of the fungus Conninghamelia elegans in the investigation of fertilizational requirements of soils in relation to phosphorus. p. 117

Vol. 4, 1955
ROCZNIKI GLEBOZNAWCZE
AGRICULTURE
Warszawa, Poland

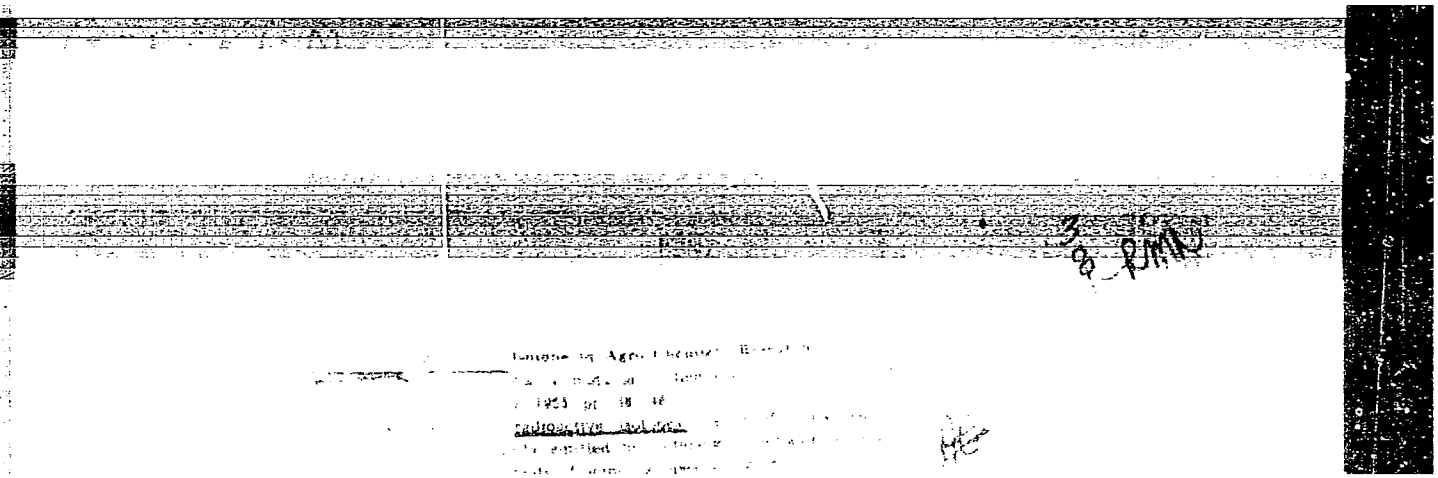
So: East Europeon A ccession, No. 5 Vol. 5, May 1956

GORSKI, M.; STOBIECKI, T.

Ammonia water as a fertilizer.

p. 417
Vol. 11, no. 8, Aug. 1955
PRZEMYSL CHEMICZNY
Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956



GORSKI, M.

Rapid evaluation of phosphorus fertilizers by the use of the fungus Cunninghamella elegans. M. Górski and O. Nowosielski (Szkoła Główna Gospod. Wiejskiego, Warsaw). *Roczniki Nauk Rolniczych* 71, Ser. A, 305-10(1955).—Some improvements have been introduced into the biol. method for evaluating P fertilizers as applied by Mooers (*C.A.* 33, 296). It was found that for microexpts. 15 mg. of P_2O_5 for 100 g. of soil must be used. The higher the degree of grinding of the P fertilizer the higher is the accessibility of P to the fungus. The evaluation of the P fertilizer's action on higher plants by the above method can be considered approximate only. F. J. Hendel

GORSKI, M.

Poland /Chemical Technology. Chemical Products and Their Application I-9

Fertilizers

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31299

Author : Gorski M., Stupnicka H.

Title : Degree of Thermophosphate Comminution and Its Effect as Fertilizer

Orig Pub: Roczn. nauk. rolniczych, 1955, A71, No 3, 457-469

Abstract: In vegetation experiments with barley a determination was made of the effect of the degree of comminution of Polish thermophosphate (super thomas meal). It is shown that a particle size of less than 0.15 mm is entirely sufficient for attaining results identical with those produced by the use of superphosphate. Good results are also produced

Card 1/2

GORSKI, M.

POLAND/Chemical Technology. Chemical Products and Their Application. J-9
Fertilizers.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27480

Author : M. Gorski, H. Stupnicka
Inst :
Title : Decrease of Acidity of Granulated Superphosphate by Ammonization

Orig Pub: Roczn. nauk rolaniczych, 1955, A72, No 1, 157-158

Abstract: Experiments of decreasing the content of free H_3PO_4 in granulated superphosphate (GS) were carried out. It was shown that the optimum content is 1% N. The acidity of the product drops from pH 2.5 to 4.3 on this occasion. Experiments carried out with winter crop and summer crop rye showed that the ammonization of GS to the 1% N content did not impair its action. See also RZhKhim, 1955, 19223.

Card : 1/1

GORSKI, M.

GORSKI, M.

POLAND/Soil Cultivation. Mineral Fertilizers. J-3

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1237.

Author : Gorski, M.
Inst :
Title : Ammonia Water - A Liquid Nitrogen Fertilizer.

Orig Pub: Nowe roln., 1956, 5, No 12, 913-916.

Abstract: In vegetation experiments with barley and oats ammonia water gave the same results as ammonium nitrate; this was noted in field experiments with potatoes in Skernevitsy. In 33 field experiments conducted on various soils with potatoes and beets ammonia water even gave somewhat better results than ammonium nitrate or ammonium sulfate.

Card : 1/1 -7-

POLAND/Soil Science - Mineral Fertilizers. J

Abs Jour : Ref Zhur Biol., No 22, 1958, 100075

Author : Gorski, M., Wyszynska, K.
Inst : [redacted]
Title : The Effectiveness of Granulated Superphosphate, According to Field Experiments. Part II. Winter Grain Crops

Orig Pub : Roczn. nauk rolniczych, 1956, A73, No 4, 435-472

Abstract : In 1952-1954, 112 experiments, conducted by the Institute of Agricultural Engineering and Soil Science, under farm conditions, were generalized according to a diagram: (1) NK; (2) NK plus 30 kg of P_2O_5 and ordinary P_s haphazardly; (3) same as (2) but using P_s in granulated form; (4) NK plus 8 kg of $P_2O_5P_s$ applied in rows with the seeds. On the average, in 59 experiments with winter wheat, the following crops in c/ha were obtained, according to the variants: 1, 21.6; 2, 22.9; 3, 23.2, and 4, 23.6. Accuracy of the experiments amounted to 0.69 c/ha, with

Card 1/3

POLAND/Soil Science - Mineral Fertilizers. J

Abs Jour : Ref Zhur Biol., No 22, 1958, 100075

P equalling 0.05. One kg of P_s provided the following grain additions in c/ha, according to the variants: 2, 4.3; 3, 5.0; 4, 25.0. On the average, in 53 experiments with winter rye, the following crops in c/ha were obtained, according to the variants: 1, 18.2; 2, 19.3; 3, 19.7; 4, 19.6. Accuracy of the experiments amounted to 0.50 c/ha. One kg of P_s provided the following grain additions: 2, 3.7; 3, 5.0, and 4, 25.0. In 24 experiments, additional study was made for the granulated ammoniated P_s; the average addition turned out to be the same as for non-ammoniated P_s. On the average, in 8 experiments, conducted in experimental stations according to an enlarged diagram, at the introduction of 8 kg of P_2O_4 in rows, the following additions were obtained: by using ordinary P_s, 0.9 c/ha; granulated, 0.7; and organic-mineral granulated, 0.7-0.8 c/ha. The P_s effectiveness was demonstrated mathematically to be conclusive only in 48

Card 2/3

POLAND / Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 7916.

Author : Gorski, M., Moskal, St.
Inst : Not given.
Title : Attempts of Radiometric Determination of Potassium in Soil.

Orig Pub: Roczn. nauk rolniczych, 1957, A76, No 2, 405-412.

Abstract: In 19 samples of soil from 12 deposits determination of K was performed by direct (spectral and perchlorate) methods and by indirect methods (on basis of soil radioactivity). Radioactivity of most soils is considerably greater than would follow from the value of the content of K (and hence also of K^{40}), due to the presence of other radioactive isotopes. The content of U and Th

Card 1/2

39

POLAND / Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 7916.

Abstract: determined in one sample corresponds fairly accurately to this difference. Content of U and Th varies depending on type of soil. The conclusion is reached that determination of K in soil by measurement of radioactivity can not be effected without determining at the same time U and Th. In light and carbonate soils where there is very little U and Th, this method yields an approximate value of the K content. -- R. Khmel'nitskiy.

Card 2/2

GORSKI, MARIAN.

Uprawa machorki.

Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1958. p. 163

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

GORSKI, Marian; WYSZYNSKA, Krystyna

Comparison of the effect of magnesium thermophosphate with other phosphorous fertilizers in the field experiments conducted by the Institute of Cultivation, Fertilization and Soil Science. Rocz nauk roln rosl 80 no.2:193-224 '59. (EEAI 9:11)

1. Dzial Zywienia Roslin in Nawozenia Instytutu Uprawy, Nawozenia i Gleboznawstwa.
(Poland--Fertilizers and manures)
(Phosphorus)
(Magnesium pyrophosphates)

GORSKI, Marian; GLEBOWSKI, Henryk

Magnesium fertilization. Postepy nauk roln 7 no.3:3-11 My-Je '60. (EEAI 9:12)

1. Zaklad Chemii Rolniczej SGGW
(Magnesium) (Fertilizers and manures)

GORSKI, Marian

New nitrogenous fertilizers. Postepy nauk roln 8 no.2:3-11 Mr-Ap '61.

GORSKI, Marian; MERCIK, Stanislaw

Long period experiments on rye fertilization. Postepy nauk roln 8 no.4:17-27 Jl-Ag '61.

1. Katedra Chemii Rolniczej, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa.

GORSKI, Michal

Embolism and thrombosis in the lesser circulation according to autopsy material of the Institute of Pathological Anatomy of the Academy of Medicine in Lublin and of the Army Hospital in Lublin. Ann. Univ. Lublin sect. D 19:157-162 '64

Experimental deficiency of vitamin K. Ibid.: 409-412

1. Katedra i Zaklad Anatomii Patologicznej, Wydzial Lekarski AM w Lublinie (Kierownik: prof. dr..med. Stanislaw Mahrburg.)

GORSKI, ROMAN

Planowanie żywienia zbiorowego. Warszawa, Polskie Wydawn. Gospodarcze, 1952. 206 p. /Planning collective eating. bibl., diagr., tables/

SO: Monthly List of East European Accessions, Vol. 3, No. 3 Library of Congress, March 1954, Uncl.

GORSKI, R.

"Some technical and economic problems of the meat industry involved in the reduction of production cost," Przemysl Rolny I Spozywczy, Warszawa, Vol 8, No 8, Aug. 1954, p. 278.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

WIDAJ, Jozef; FRACKI, Mieczyslaw; GORSKI, Ryszard

Reliability and stability tests of ceramic condensers. Przegl elektroniki 6 no.2:98-102 '65.

1. Institute of Radio Ceramics, Warsaw. Submitted December 22, 1964.

GORSKI, Stanislaw, inz.

Jobs connected wit road maintenance. Drogownictwo 17 no.1:24-25 Ja '62.

GORSKIY, S.

In the country of Virchow, Koch and...sorcerers. Zdorov'e 9 no.5:28 My'63. (MIRA 16:9)
(NO SUBJECT HEADINGS)

GORSKI, Tadeusz

Determination of the effect of weather on plants. Postepy nauk roln 11 no.4:35-56 Jl-Ag '64.

1. Labortaory of Agricultural Meteorology and Climatology of the Institute of Cultivation, Fertilization and Soil Science, Pulawy.

GORSKI, T.

M. A. Novinskii; pioneer of experimental oncology. Pat. polska 7 no.3:321-323 July-Sept 56.

1. Leningrad, ul. Lwa Tolstoja 7.
(BIOGRAPHIES,
Novinskii, M. A. (Pol))
(NEOPLASMS, history,
contribution of M. A. Novinskii to exper. oncol. (Pol))

498. *Experimental cancer of the pancreas* O doświadczalnym rakowaceniu trzustki. (Doniesienie wstępne). Górski T. Inst. Onkol. AMN ZSRR, Leningrad. *Nowotwory* 1958, 8/1 (59-62) Illus. 3

A total of 115 mice divided into 2 groups were used (the number of animals in each group is not given). The animals of the first group received intrapancreatically 9 : 10-dimethyl-1 : 2-benzanthracene in the amount of 0.015 mg./kg. body weight, those of the 2nd group 0.03 mg./kg. body weight. In the analysis of the results the difference in the dosis was not taken into consideration. Seven mice which survived 4 and 5 months after the administration of the carcinogenic substance developed tumours in the region of the pancreas, their size reaching that of a walnut. These tumours were diagnosed as sarcomas (no detailed description, no microphotographs) which were not transplantable to other mice. The glandular epithelium of the pancreas showed foci of necrosis, and disappearance of the parenchyma with concomitant dilatation of glandular ducts and formation of cysts lined with epithelium. In one case the lesions were suggestive of carcinoma in the initial stage. The Langerhans' islands were intact.

Albert – Wroclaw

GURSKIY, Tadeush [Górski, Tadeusz] (G. Glivitsy, Naberezhnaya Krasnoy Armii, d. 15)

Experimental production of tumors of the pancreas. Vop.onk. 5 no.3:341-348 '59. (MIRA 12:12)

1. Iz laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent AMN SSSR prof. L.M. Shabad) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov) i iz laboratorii biologii opukholey (zav. - dots. G. Godlevskiy [G. Godlewski]) Instituta onkologii Pol'skoy Narodnoy Respubliki, otdeleniye v g. Glivitsy.

(PANCREAS, neoplasms,
exper. carcinogenesis (Rus))
(NEOPLASMS, exper.
pancreas (Rus))

GURSKIY, T. [Górski, Tadeusz]

Experimental production of pancreatic cancer in mice. Vop.onk. 5 no.4:413-416 '59. (MIRA 12:12)

1. Iz laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent AMN SSSR prof. L.M. Shabad) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov) i iz laboratorii biologii opukholey (zav. - prof. K. Duks) Instituta onkologii Pol'skoy Narodnoy Respubliki, Otdeleniya v g. Glivitsy . Adres avtora: g. Glivitsy, Pol'sha, Naberezhnaya Krasnoy Armii, d.15, Institut onkologii.

(PANCREAS, neoplasms,
exper. carcinogenesis in mice (Rus))
(NEOPLASMS, exper.
pancreas, prod. in mice (Rus))

Forski, Tadeusz

2

MAGDZIARZ.

Country: Poland

Author's Name:
Department of Clinical Analysis and Department of Tumor
Biology of the Oncology Institute (Instytut Onkologii),
Affiliation: Gliwice; Director: [illegible], dr
[illegible], To 2,
[illegible]

Data: "Observations Regarding Transmitted Leukemia in Mice of the Ath Strain (Hematological Characteristics)."

Co-author:

[illegible], Tadeusz

SZNAYBERG, K.; GORSKI, T.

LIO-2 transplatable mouse leukemia. Vop.onk. 7 no.2:75-78 '61. (MIRA 14:5)

(LEUKEMIA)

SCHNEIBERG, Krzysztof; GORSKI, Tadeusz

Fibrinolytic reaction in electric shock. Postepy hig. i med. dosw. 15 no.2:229-234 '61.

1. Z Zakladu Analiz Klinicznych i z Zakladu Biologii Nowotworow Instytutu Onkologii w Gliwicach Dyrektor: dr J.Swiecki.
(SHOCK THERAPY ELECTRIC blood)
(FIBRINOLYSIS)

SCHNEIBERG, Krzysztof; GORSKI, Tadeusz

Observations on transplantable leukemia in Afb mice (hematological characteristics). Postepy hig. i med. dosw. 15 no.2:235-242 '61.

1. Z Zakladu Analiz Klinicznych i z Zakladu Biologii Nowotworow Instytutu Onkologii w Gliwacach Dyrektor: dr J. Swiecki.
(LEUKEMIA exper)

CHOMICKI, Oskar; CZECH, Wlodzimierz; GASIOROWSKI, Wiktor; GORSKI, Tadeusz; HARTWIG, Walenty

Results of the 24-hour thyroid iodine uptake test (T-24) in normal subjects and in patients with thyroid diseases. Polski tygod. lek. 16 no.25:945-948 19 Je '61.

1. Z Osrodka Radioizotopowego Studium Doskonalenia Lekarzy w A.M. w Warszawie; kierownik: prof. dr med. Walenty Hartwig.

(THYROID GLAND metab) (IODINE metab)

GORSKI, Tadeusz

Production of enoplasms with 2-acetylaminofluorene. Nowotwory 13 no.4:297-302 O-D'63.

1. Z Zakladu Biologii Nowotworow Instytutu Onkologii w Gliwicach; dyrektor: dr. med. J.Swiecki.

*

GORSKI, Tadeusz; DRZASZCZ, Antoni

Experimental studies on the phenomenon of epithelial metaplasia of the mouse uterus. Pat. polska 14 no.4:439-448 O-D'63

1. Z Zakladu Biologii Nowotworow Instytutu Onkologii, Oddzial w Gliwicach; dyrektor: dr.med.J.Swiecki.

*

GORSKI, Tadeusz

Behavior of the islands of Langerhans during the action of carcinogenic substances in the pancreas of mice. Folia morph. (Warsz) 24 no.1:87-93 '65.

1. Z Zakladu Biologii Nowotworow Instytutu Onkologii w Gliwicach (Kierownik: doc. dr. med. M. Chorazy).

GORSKI, Tadeusz

Effect of methylcholantrene on the osteogenesis induced by the transitional epitelium. Folia morph. (Warsz.) 24 no.2:193-198 '65.

1. Z Zakladu Biologii Nowotworow Instytutu Onkologii w Gliwicach (Kierownik: doc. dr. M. Chorazy).

GORSKI W

1

Bisthiosemicarbazones of α-diketones and their complexes with ions of heavy metals. Wojciech Górski, Marion Zolnierowicz, and Tadeusz Liniec. *Chem. Anal.* (Warsaw) 3, 947-50(1958).—$(COCH_2CO_2Et)_2$ (1 mole) in EtOH heated 3 hrs. on a water bath with 2 moles $NH_2CSNHNH_2$ in H_2O gave $[C(CH_2CO_2Et):NNHCSNH_2]_2$ (I), m. 210° (decompn.) [dioxane (II)]. I in II formed with Ag^{2+}, Hg_2^{2+}, Hg^{2+}, and Cu^{2+} colored ppts, sol. in varying degrees in Et_2O, $CHCl_3$, and Me_2CO. I boiled in EtOH gave $EtO_2CCH_2C:N.NH.C(S).N:CCH_2CO_2Et$ (III), m. 162°. III did not form complexes. P. Dreyfuss

5

1-gag(NB)

GORSKI,W.; WOJCIESZAK,J.; WALICKI, K.

Studies on regeneration in simple muscle atrophy. Chir. narzad. ruchu ortop. pol. 28 no.5:497-498 '63.

1. Z Zakladu Fizjologii INKF w Warszawie;(dyrektor:prof. dr. W. Missiuro) i z Katedry Rehabilitacji AM w Konstancinie (kierownik: doc.dr. M.Weiss).

GORSKI, Wl., doc., dr. (Szczecin)

M. Huget's Ubezpieczenia przewozow morskich (Maritime shipping insurance); a book review. Tech gosp morska 10 no.10:325-326 O '60.

GORSKI, Wladyslaw, doc., dr. (Szczecin)

Legal problems of marine insurance. Tech gosp morska 11 no.2:42-45 F '61.

GORSKI, Wladyslaw, doc.,dr. (Szczecin)

The carrier's responsibility. Techn gosp morska 12 no.2:47 '62.

URBANSKI, T.; SEMENCZUK, A.; GORSKI, W.

Thermal analysis of the system: 1-chloro-2,4-dinitrobenzene-picryl chloride. Bul chim PAN 8 no.9:487-488 '60.

1. Technical Military College, Warsaw. Presented by T. Urbanski.

(Thermochemistry) (Chlorodinitrobenzene)
(Acid chlorides)

URBANSKI, T.; SEMENCZUK, A.; GORSKI, W.

The action of ultrasonic waves on nitration. Bul chim PAN 9 no.7: 467-469 '61.

1. Military Technical College, Warsaw. Presented by T. Urbanski.

621,387

Krauze, W.

[illegible]

[illegible] sensitivity, [illegible] has 2 [illegible]

[illegible] Warsaw Polytechnic Institute [illegible]

[illegible] 64 ENCL: [illegible] 1A

[illegible] OTHER: [illegible]

2/3

Card

ACCESSION NR: AP5015225

ENCL: 01

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GORSKI, Z.

Developement of the technology of processing hemp straw in Poland. p. 121.

PRZEGLAD WLOKIENNICZY. (Stowaryszenie Inzynierow i Technikow Przemyslu Wlokienniczego) Lodz, Poland. Vol. 13, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2 Feb. 1959.

Uncl.

AKKERMAN, I.Z.; GORSKIN, S.V.

Removal of scale from evaporating units. Gidroliz. i lesokhim. prom. 14 no.3:20-22 '61. (MIRA 14:4)

1. Giprobum (for Akkerman). 2. Slokskiy tsellyulozno-bumazhnyy kombinat (for Gorskin).
(Sloka—Evaporating appliances)

GORSKIN, Jevgenijs; CHERKOVSKIS, P.[translators]; DIMDINS, J. [translators]; ROZKALNE, V.[translator]; LIELPETERIS, P., red.; PASTARE, D., tekhn. red.

[Problems in the specialization of livestock raising in the Latvian S.S.R.] Latvijas PSR lopkopibas specializacijas problemas. Riga, Latvijas Valsts izdevnieciba, 1961. 106 p. Translated from the Russian. (MIRA 15:3)
(Latvia—Stock and stockbreeding)

GRAVERS, V.K., zootekhnik; GORSKIN, Ye.S., nauchnyy sotrudnik

4,5 per cent of fat in an average milk yield of 3852 kilograms from a herd of 585 cows. Zhivotnovodstvo 23 no.6:45-48 Je '61. (MIRA 16:2)

1. Kolkhoz "Sarkanays Oktobris", TSesisskogo rayona, Latviyskoy SSR (for Gravers). 2. Vesesoyuznyy institut ekonomiki sel'skogo khozyaystva (for Gorskin).
(Latvia—Dairy cattle)

GORSKIY, A.

Going up. NTO no.2:35-36 F '59. (MIRA 12:2)

1. Starshiy instruktor Leningradskogo oblastnogo soveta profsoyuzov.
(Research, Industrial)

GORSKIY, A., starshiy instruktor; ZELENSKIY, M., starshiy instruktor

Inculcate progressive experience on a wider scale. Sov.profsoiuzy 7 no.10:15-17 My '59. (MIRA 12:9)

1. Leningradskiy oblastnoy sovet profsoyuzov.
(Leningrad Province--Labor productivity)

GORSKIY, Anatoliy Arkadiyevich; GRIGOR'YEVICH, Konstantin Konstantinovich; YURIN, B.A., red.; IGNAT'YEV, V.A., tekhn. red.

[Trade unions, science and production]Profsoiuzy, nauka, proizvodstvo. Moskva, Profizdat, 1962. 78 p. (MIRA 15:11)
(Leningrad—Trade unions)
(Leningrad—Research, Industrial)

GORSKIY, A.

Testing model 91267 automatic molding machines and methods for the approximate calculation of jolting time of machines with piston air distributors. Lit. proizv. no.7:13-16 Jl '63. (MIRA 17:1)

88412
S/055/60/000/006/003/008
C111/C222

16.9500 (1031,1121,1132)

AUTHOR: Gorskiy, A.A.

TITLE: On the Question of the Synthesis of Optimal Correcting Devices

PERIODICAL: Vestnik Moskovskogo universiteta. Seriya I. Matematika, mekhanika, 1960, No. 6, pp. 51 - 59

TEXT: The given system F shall be completed by a correcting device K so that a new outlet magnitude satisfies certain optimal conditions. Let

(1) $$L_t y = M_t x$$

be the equation of K, where x is the inlet magnitude, y is the outlet magnitude, L_t and M_t are polynomials in the differential operator $\frac{d}{dt}$ and

(3) $$m > n ,$$

where m is the degree of M_t, and n is the degree of L_t. A realizing of the correction term (1) with the aid of differentiators is not possible

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On the Question of the Synthesis of Optimal Correcting Devices

because of the great error sensibility during the differentiation. Therefore the author proposes to replace (1) by

$$x(t) = \int_0^t K(t, \tau) y(\tau) d\tau \quad , \tag{4}$$

where $y(t)$ is the unknown function, and then to solve (4) numerically. Approximating $x(t)$ and $y(t)$ by step functions $\bar{x}(t)$, $\bar{y}(t)$, then

$$\bar{y}(ph) = \frac{1}{\alpha(p,p)} \left[\bar{x}(ph) - \sum_{q=1}^{p-1} \alpha(p,q) \bar{y}(qh) \right] \quad , \tag{7}$$

where

$$\alpha(p,q) = \int_{(q-1)h}^{qh} K(ph, \tau) d\tau \quad . \tag{6}$$

A computer is used for the performance of the operation (7). The author describes how the necessary $\alpha(p,q)$ can be determined, where a result of

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On the Question of the Synthesis of Optimal Correcting Devices

Solodov (Ref. 2) is used essentially. He intimates an estimation of the error appearing for the method. An example is calculated. The author thanks Ya. N. Roytenberg for the theme.
There is 1 figure, 1 table, and 4 references : 2 Soviet, 1 English and 1 American.

ASSOCIATION: Kafedra prikladnoy mekhaniki (Chair of Applied Mechanics)

SUBMITTED: June 24, 1959

Card 3/3

S/024/62/000/005/006/012
E140/E135

9.7000

AUTHOR: Gorskiy, A.A. (Moscow)

TITLE: Automatic optimal filtering

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Energetika i avtomatika, no.5, 1962, 107-117

TEXT: The paper concerns systems in which an input signal contaminated by noise is applied in parallel to the inputs of several filters differing in a certain parameter. The outputs of the filters are combined with varying coefficients, depending on the results obtained, by a computer for obtaining optimal characteristics. In order to design such self-optimising filter systems it is necessary to have a priori knowledge of either the signal or the noise characteristics. In the present study the useful signal is considered to have slowly varying statistical parameters ("almost" stationary), the noise is stationary and ergodic. It is required to construct a filter yielding minimum mean-square error with zero mathematical expectation.

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Automatic optimal filtering

S/024/62/000/005/006/012
E140/E135

The method of solution utilises the Lagrangian, and a correlation computer is defined for the automatic solution of the respective equations. In one variant, a prerecorded sample of the system noise is assumed available, while the statistical properties of the useful signal are assumed unknown. A second variant treats the opposite case.
There are 3 figures.

[Abstractor's note: The two systems studied here have only forward information flow. The computer operates only on given functions of the input information, without feedback from the output.]

SUBMITTED: March 1, 1962

Card 2/2

16.8000

S/024/62/000/006/008/020
E140/E135

AUTHOR: Gorskiy, A.A. (Moscow)

TITLE: A method for the synthesis of corrective networks for linear systems with variable parameters

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Energetika i avtomatika, no.6, 1962, 96-102

TEXT: A particular method is proposed which can simplify the solution of the problem stated in the title for certain favourable cases. The idea is to base the synthesis on finding a certain integral equation in place of the differential equation or weighting function of the corrective network. The type of operations for this procedure is the same as to obtain the differential equation, but the number of steps is substantially less. There are 6 figures.

SUBMITTED: December 12, 1961

Card 1/1

S/280/63/000/001/003/016
E140/E435

AUTHOR: Gorskiy, A.A. (Moscow)

TITLE: On the synthesis of optimal filtering systems

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Tekhnicheskaya kibernetika. no.1, 1963, 42-50

TEXT: The subject of the article is the physical realizability of optimal corrective networks in nonstationary control systems. If the network function derived for the filter does not satisfy a certain well-known condition on the difference of degrees of the numerator and denominator, the filter will be equivalent to a differentiation network. Since the system is by definition "optimal" it will in theory yield the minimal mean-square error, but the presence of the differentiation can cause overloading at intermediate points of a physical system. The author therefore investigates approximate solutions for the optimal filter such that the degree of the numerator is constrained not to exceed that of the denominator. The method consists in the following. The theoretical analysis shows that the network function depends on the

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noise characteristics. For the optimal filter not to be a differentiation element there should be present a noise component constituting the derivative of a certain order of white noise. Then the solution to the problem is to add such a component to the system noise. The component added is of small magnitude, so that the system solved is approximately the initial system. The errors of the "optimal" and of the approximated system are compared. An example is given. There are 3 figures.

ASSOCIATION: August 31, 1962

GORSKIY, A.A. (Moskva)

Formulas for calculating the mathematical expectation and dispersion of the evaluation of the spectral density of a stationary random process. Avtom. i telem. 26 no.10:1703-1708 O '65.

(MIRA 18:10)

GORSKIY, A.I.

Method of geometrical optics used for measurements at centimeter wavelength. Prib. i tekh. eksp. no.1:87-89 Ja-F '57. (MIRA 10:6)

1. Leningradskiy elektrotekhnicheskiy institut im. V.I. Ul'yanova (Lenina).
(Optics, Geometrical) (Radio waves--Measurement)

AUTHOR: Gorskiy, A.I., Agronomist SOV/99-59-1-9/13

TITLE: On Subsoil Irrigation (O podpochvennom oroshenii)

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 1, pp 38-45 (USSR)

ABSTRACT: The author describes experiments in subsoil irrigation by means of an artificial raising of the ground water level to a point from which this water can reach the roots of the plants. If reservoir-humidifiers placed on higher spots of slightly inclined fields, were filled with water 25-30 days before the sowing date, favorable conditions of irrigation were created before the winter water reserves in the soil were exhausted. As these humidifiers occupy up to 23% of the irrigated surface, rice was sown in them. These experiments were made in 1955-56 in the kolkhoz imeni Stalin in the Sverdlovskiy rayon of the Dzhambul Oblast on an area of 95 hectares, and were kept under constant control. Tests showed that the

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amount of nitrogen steadily increased in the zone of irrigation, and at the same time, no increase in salinity of the soil was observed, though the ground water contained such salts; the water from the humidifiers washed away these salts. As a result, though the amount of the used water was the same as with surface irrigation, the yields were much higher. The author also found that, if one part of the field was used for growing rice, the adjant field produced much better crops. The author recommends subsoil irrigation when the level of the ground water is not too low or when there is a water-resistant layer below the soil. There are 4 tables and 2 profiles.

GORSKIY, A.I., agronom (Kiyev)

Irrigation in the southern Ukraine. Gidr.i mel. 12 no.3:15-19 Mr '60. (MIRA 13:6)

(Ukraine--Irrigation farming)

GORSKIY, A.I.

Farming on drained bogs of the Ukrainian SSR. Zemledelie 23 no.11: 19-25 N '61. (MIRA 14:12)

1. Glavnyy agronom upravleniya nauki, propagandy i vnedreniya peredovogo opyta Ministerstva sel'skogo khozyaystva USSR.
(Ukraine--Drainage)

GORSKIY, A.I.

Agriculture in irrigated areas of the Ukraine. Zemedelie 24 no.6:11-22 Je '62. (MIRA 15:11)

1. Nachal'nik Upravleniya ispol'zovaniya oroshayemykh i osushennykh zemel' Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov UkrSSR.

(Ukraine--Irrigation farming)

GORSKIY, A.I.; ZAPOROZHCHENKO, A.L., kand. sel'skokhoz. nauk

Corn in irrigated fields. Zemledelie 26 no.3:28-31 Mr '64. (MIRA 17:4)

1. Nachal'nik Upravleniya po sel'skokhozyaystvennomu osvoyeniyu oroshayemykh i osushayemykh zemel' Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov UkrSSR (for Gorskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut (for Zaporozhchenko).

GORSKIY, A.I.; VELIKOV, T.M.; KLEYNMAN, Ya.M.; PSAK'YAN, P.P.; FEYGELEVICH, M.V.; KHAIMOV, Ye.S.

Automatic and remote control of mining installations. Gor. zhur. no.7:12-19 Jl '56. (MLRA 9:9)

1. Yuvmetallurgavtomatika.
(Mining machinery) (Automatic control) (Remote control)

AID P - 4778

Subject : USSR/Engineering

Card 1/2 Pub. 103 - 5/24

Author : Gorskiy, A. I.

Title : Coefficients of heat transfer for determination of performance of automatic machinery.

Periodical : Stan. i. instr., 3, 15-17, Mr 1956

Abstract : In automatic installations the adjustment of a machine or a group of machines requires, some specific calculation of heat transfer factors, including the time needed for pre-heating or pre-cooling of the machined specimen. There is no general formula for determination of heat-transfer - coefficient because of the many relevant factors, such as natural cooling, cooling by fan or compressed air, and by hot or cold water. The author provides 9 formulae for determination of such coefficients and 2 tables of derived data.

AID P - 4778

Stan. i. instr., 3, 15-17, Mr 1956

Card 2/2 Pub. 103 - 5/24

Institution : None

Submitted : No date

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6.4700

Translation from: Referativnyy zhurnal, Geofizika, 1960, Nr 3, p 32 (USSR)

AUTHORS: Gorskiy, A.I., Demin, I.D.

TITLE: A Method of Instrumental Estimation of the Continuousness of Ices by Radar Observations

24

PERIODICAL: Inform. sb. Tsentr. n.-i. in-t morsk. flota, 1958, Nr 28, pp 67 - 72

ABSTRACT: The principle of operation and the description of design of an electric integrator are explained, which serves for instrumental determining the continuousness of ices; the device is built in the form of an accessory unit to the usual aircraft radar device. The block-circuit of the accesory unit comprises the following elements: a strobe pulse generator, a limiter of echo-signal amplitudes obtained at the output of the radar-receiver, a coincidence stage combined with an integrator, and a measuring stage. The accessory unit represents a supplementary indicator of the radar device of the switch type, provided in case of necessity with an accessory device for recording the readings on

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A Method of Instrumental Estimation of the Continuousness of Ices by Radar Observations

a tape. An example of records is added. The accessory unit permits the replacement of not enough accurate and very fatiguing visual observations of the continuousness of ices, as seen on the screen of the round-looking indicator (RLI) of the panoramic radar station, by instrumental measurements. The electric integration of the image of the ice conditions on the screen RLI along a definite circle, concentric to the screen center, eliminates the influence of individual causes affecting the visual observations: the non-uniformity of the RLI screen resolution, the dynamic blurring of the image, and the non-uniform brightness of the screen image. Preliminaryexaminations in laboratory and in nature of the accessory to the aircraft radar station designed by AANII yielded positive results. The device has a weight of 3 - 4 kg and has in its circuit 5 tubes.

Ye.V. Solov'yev

Card 2/2

GORSKIY, A.I.

Method of designing sandslinger hose to withstand vibration.
Lit. proizv. no. 8:25-27 Ag '60. (MIRA 14:2)
(Foundries--Equipment and supplies) (Sand, Foundry)

VASIL'YEVA, Valentina Petrovna; GORSKIY, Aleksandr Ivanovich; KAZARINOV, Yuriy Mikhaylovich; KOLOMENSKIY, Yuriy Aleksandrovich; KRAYCHIK, Aron Borisovich; KUDRYAVTSEV, Dmitriy Vasil'yevich; MARMUZOV, Grigoriy Vasil'yevich; PESTOV, Yuriy Konstantinovich; TOLOKONNIKOV, Sergey Vasil'yevich; TOLSTYAKOV, Vladimir Sergeyevich; ZHEREBTSOV, I.P., red.; SOBOLEVA, Ye.M., tekhn. red.

[Design of radio pulse system components] Raschet elementov impul'snykh radiotekhnicheskikh ustroistv [By] V.P.Vasil'eva i dr. Pod red. IU.M.Kazarinova. Moskva, Gosenergoizdat, 1963. 429 p. (MIRA 16:7)
(Radio) (Pulse techniques (Electronics))

GORSKIY, A.I.

Methods of calculating the drive power of sand mullers and the optimal weight of the batch. Lit. proizv. no.8:17-23 Ag '64.
(MIRA 18:10)

Ye. B. Engineer)

which is mechanically coupled to the plunger. The signals from this

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[illegible] mendations for the best [illegible] [illegible] arrange-
[illegible] of casting desired [illegible] [illegible]

[illegible] None

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SUB CODE: [illegible] NO REF SOV: [illegible] OTHER: 002

GORSKIY, A.I., kand.tekhn.nauk; IVANOV-EMIN, Ye.B., inzh.

Using pneumatic drives in automatic control systems. Mekh. i avtom. proizv. 19 no.1:36-39 Ja '65. (MIRA 18:3)

GORSKIY, A. M.

Grasses

Mixtures of annual grasses for the Far East. Korm. baza, No. 11, 1951.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

Country : USSR
CATEGORY : M-4

ABS. JOUR. : RZBiol., No. 19, 1959, No. 87018

AUTHOR : Gorskiy, A. M.; Zubkova, S. V.
INST. :
TITLE : The Best Varieties of Corn for Leningrad Oblast'.

ORIG. PUB. : Kukuruza, 1958, No 3, 62

ABSTRACT : The following varieties are recommended: Nemchinovskaya, Early Moskovskaya, Khar'kovskaya 23, Sterling, Osetinskaya White Dent, Hybrid Krasnodarskaya 1/49.

CARD: //

GORSKIY, A.M.

Some morphological characteristics of grasses in mountain meadows of the Northern Caucasus. Bot. zhur. 44 no.7:972-973 Jl '59. (MIRA 12:12)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(Caucasus, Northern--Grasses)

GORSKIY, A.N.

Pathogenetic and clinical unity of rheumatic and subacute septic endocarditis. Mat.po obm.nauch.inform. no.2:23-29 '58. (MIRA 13:6)

1. Iz Rovenskoy oblastnoy bol'nitsy (glavvrach - T.D. Kostyukevich).

(RHEUMATIC FEVER) (ENDOCARDITIS)

SOLODOVNIKOV, V.V., prof., red.; BOYARSKIY, V.A.[translator]; GORSKIY, A.V.[translator]; IORDANSKIY, A.D., red. izd-va; GUS'KOVA, O.M., tekhn. red.

[Automatic control] Avtomaticheskoe upravlenie. Moskva, Izd-vo Akad.nauk SSSR, 1961. 182 p. (MIRA 15:5)
(Automatic control)

TOPCHIYEV, A.V., akademik, glavnyy redaktor; KULEBAKIN, V.S., akademik, otvetstvennyy redaktor; GORSKIY, B., redaktor; NEVRAYEV, V.Yu., redaktor; UTKIN, I.V., redaktor; ASTAF'IEVA, G.A., tekhnicheskiy redaktor.

[Session of the Academy of Sciences of the U.S.S.R on scientific problems of the automatization of production, October 15-20, 1956; scientific and technical problems of automatic electric drive] Sessia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proizvodstva, 15-20 oktiabria 1956 g; nauchno-tekhnicheskie problemy avtomatizirovannogo elektroprivoda. Moskva. 1957. 444 p.

1. Akademiya nauk SSSR. (MLRA 10:5)

(Electric driving)
(Automatic control)

GORSKIY, B., kand.tekhn.nauk;BEZHENUTSA, L., kand.tekhn.nauk

Technology of manufacturing synthetic resin tiles for floors and walls. Stroi. mat. 4 no.8:9-11 Ag '58. (MIRA 11:9)
(Tiles) (Gums and resins, Synthetic)

BULYGIN, Leonid Pavlovich; SOKHOR, Izabella Naumovna; GORSKIY, B.A., inzh., red.; GVIRTS, V.L., tekhn.red.

[Work practices of the technological laboratory and technological council of the Kalinin District Committee of the CPSU in Leningrad] Opyt raboty tekhnicheskogo kabineta i tekhnicheskogo soveta pri Kalininskom raionnom komitete KPSS g. Leningrada. Leningrad, 1959. 24 p. (MIRA 14:1)

(Leningrad--Technological innovations)

GORSKIY, B.F.

Using rubber-packing instead of bituminous in testing the water-proofness of concrete samples. Suggested by B.F. Gorskii. Rats. predl. no. 37:6-7 '59. (MIRA 14:1)
(Concrete--Testing)

SERGEYEV, A. V.; GORSKIY, B. P.

AN-8, a new gas anesthetic apparatus for medical first aid. Eksper. khir. i anest. no.2:76-78 '62. (MIRA 15:6)

1. Iz Moskovskogo gorodskogo nauchno-issledovatel'skogo instituta skoroy pomoshchi imeni N. V. Sklifosovskogo (dir. M. I. Tarasov) i Moskovskoy stantsii skoroy meditsinskoy pomoshchi (nach. A. F. Shvedov)

(ANESTHESIOLOGY—EQUIPMENT AND SUPPLIES)
(FIRST AID IN ILLNESS AND INJURY—EQUIPMENT AND SUPPLIES)